

What is claimed is:

1. An apparatus for the enhancement of water quality in a subterranean pressurized water distribution system, said apparatus comprising:
a flow controlled passage for pressurized water having an inlet adapted for fluid connection to said subterranean pressurized water distribution system, said flow controlled passage having a conduit for directing pressurized water received in said inlet to a routing conduit for initially directing said pressurized water upwardly, said flow controlled passage further including a discharge housing operatively positioned with respect to the routing conduit to receive pressurized water from the routing conduit and redirect said pressurized water downwardly, whereby discharge of said pressurized water upwardly or laterally, and its associated dangers are avoided during purging of the subterranean pressurized water distribution system; and
a flow control valve disposed along said flow controlled passage for permitting and prohibiting the flow of pressurized water through the flow controlled passage.
2. The system according to claim 1 wherein the routing conduit directs the pressurized water upwardly to above ground.
3. The system according to claim 2 further comprising a splash guard positioned directly below the discharge housing to receive pressurized water from the discharge housing and reduce erosion to the underlying ground.
4. The system according to claim 1 wherein the discharge housing mounts directly to the routing conduit.

5. The system according to claim 1 wherein the discharge housing includes a dissipator.
6. The system according to claim 5 wherein the dissipator provides a circuitous path to dissipate energy in the pressurized water flow.
7. The system according to claim 5 further comprising a splash guard positioned directly below the discharge housing to receive pressurized water from the discharge housing and reduce erosion to the underlying ground.
8. The system according to claim 1 further comprising programmable control circuitry for activating and deactivating the flow control valve at preselected times and for preselected durations.
9. The system according to claim 1, wherein pressurized water exiting the discharge housing flows to drain system.
10. The system according to claim 9, wherein an inlet of the drain system is positioned directly below the discharge housing.